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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Leister et al.
Serial No.:	10/537,752
Filed:	June 6, 2005
For:	PROCESS FOR PRODUCING BOROSILICATE GLASSES, BORATE GLASSES AND CRYSTALLIZING BORON-CONTAINING MATERIALS
Art Unit:	1755
Examiner:	Not Yet Assigned
Confirmation No.:	5178
Customer No.:	27623 Attorney Docket No.: 2133.089USU

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

The applicant is requesting that correction be made to the filing receipt. Please note that the "Title" should read: **Method for Producing Borosilicate Galss, Borate Glass and Crystallising Boron-Containing Materials** as stated on the first page of the specification filed on June 6, 2005. A copy of the original marked-up filing receipt and a copy of the first page of the specification are enclosed.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: August 16, 2006

Charles N. J. Ruggiero
Reg. No. 28,468
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682
(203) 327-4500

CERTIFICATE OF TRANSMISSION

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE FACSIMILE NUMBER 571-273-8300, 6 total pages, c/o MAIL STOP Amendment, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON August 16, 2006.

Ruth J. Olivo		August 16, 2006
NAME	SIGNATURE	DATE

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Ruth J. Olivo — NAME
Ruth J. Olivo — SIGNATURE
August 16, 2006 — DATE

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/537,752	12/05/2005	1755	1880	2133.089USU	1	37	2

CONFIRMATION NO. 5178

27623
OHLANDT, GREELEY, RUGGIERO & PERLE, LLP
ONE LANDMARK SQUARE, 10TH FLOOR
STAMFORD, CT 06901

FILING RECEIPT

"OC000000018122408"

Date Mailed: 02/27/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Michael Leister, Budenheim, GERMANY;
Uwe Kolberg, Mainz, GERMANY;
Werner Thomas Kiefer, Mainz, GERMANY;
Sybill Nuttgens, Frankfurt, GERMANY;
Alexander Penkert, Eich, GERMANY;
Silke Wolff, Huckeswagen, GERMANY;
Nicole Surges, Bingen, GERMANY;

Power of Attorney: The patent practitioners associated with Customer Number **27623**.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/13576 12/02/2003

Foreign Applications

GERMANY 10257049.3 12/06/2002

Projected Publication Date: 06/01/2006

Non-Publication Request: No

Early Publication Request: No

Title

Method for producing borosilicate glass, borate glass and crystallising ~~materials containing boron~~ boron-containing materials

Preliminary Class

501

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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01SGL0497USP

Schott AG

Process for producing borosilicate glasses, borate glasses and crystallizing boron-containing materials

Description

The invention relates to a process for producing boron-containing materials. In particular, the invention relates to a process for producing boron-containing, low-alkali materials by means of inductive heating of the melting material.

In technical applications, borosilicate glasses are used as laboratory glass, for ampoules in the pharmaceutical industry and as incandescent lamp glasses, on account of their good chemical resistance and their relatively low thermal expansion. These glasses have a high SiO_2 content of 73 - 86%, a B_2O_3 content of 6 - 13%, an Al_2O_3 content of 1 - 5% and an alkali metal content of 2 - 9% (mol%).

In the case of the optical glasses, the B_2O_3 content may also be over 13% and may be as much as over 75 mol%. The high B_2O_3 content results in high Abbe numbers, i.e. a low level of light scattering. These glasses are therefore used in lens systems to correct the chromatic aberration.

Glasses which contain only or predominantly B_2O_3 as networkformer agent are known as borate glasses, by analogy to silicate glasses. The borosilicate glasses contain both SiO_2 and B_2O_3 as network formers and in terms of their composition are therefore between the silicate glasses and the borate glasses.